Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 23 Jul 2022 until 23:59 on Sunday 24 Jul 2022

Forecast Issued on Friday 22 Jul 2022 at 15:44

Confidence: High for unsettled picture, but moderate confidence in low cloud and precipitation detail over the weekend. High confidence for high pressure returning on Tuesday.

Headline for Saturday 23 Jul 2022: Becoming cloudy with outbreaks of rain.

Mountain weather hazards on Saturday 23 Jul 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Light rain showers	Light rain showers	Cloudy	Light rain showers (night)
Precipitation probability							
20%	20%	10%	10%	40%	50%	20%	50%

Forecast for Saturday 23 Jul 2022

Weather: Patchy low cloud in the early hours of the morning, dissipating around dawn. A few brighter spells then possible under a veil of high cloud. From late morning, low cloud spreads across the park from the west, mostly just above the summits, bringing a risk of showers that become more frequent during the afternoon. A breezy day with winds strengthening this evening and overnight. Low cloud also likely to return overnight and into Sunday with spells of rain.

Chance of cloud-free hill tops above 600m: 40% in the early hours, increasing to 80% for much of the day but falling to 50% in showers.

Low cloud and visibility: Poor visibility in low cloud base 400-500m in the early hours of the morning. Then generally good visibility but briefly dropping to moderate in showers and cloud bases falling to around 600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Saturday 23 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 SE	7/10 SW	7/9 SW	10/14 SW	16/22 SW	19/26 SW	18/25 SW	22/31 SW	24/34 SW
300	9/15 S	5/7 SW	4/6 S	8/12 SW	13/19 S	13/20 SW	14/22 S	16/25 S	18/28 SW
Valley	4/12 S	2/6 SW	2/4 SE	6/11 SW	9/17 S	9/19 S	9/21 S	11/26 S	13/28 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	11/10	11/10	13/12	14/11	15/12	16/12	14/11	14/10
300	14/13	14/13	13/13	16/15	17/14	18/16	18/16	17/14	16/13
Valley	14/14	14/14	14/14	17/16	17/16	18/17	18/17	17/16	17/15
Freezing Level*	2700m	2600m	2700m	2900m	3400m	3500m	3300m	3500m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best of any weather during the morning, although strong sunlight is possible in brighter spells and UV protection is recommended. May feel cool in showers and stronger winds later, particularly on exposed mountain summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 22 Jul 2022	7.8mm	9.4mm	9.4mm

Forecast for Sunday 24 Jul 2022

Weather: Low cloud and rain in the early hours clearing eastwards with cloud breaking up during the morning. Then a mixture of sunny spells and scattered showers through the remainder of the morning. Showers become more isolated in to the afternoon, and cloud also starts to clear towards evening leaving some prolonged spells of sunshine to end the day. Strong, blustery winds throughout the day so feeling cool, particularly in exposed spots.

Maximum wind: Southwesterly 25mph gusting 40-45mph.

Chance of cloud-free hill tops above 600m: 50% at first, increasing to 90%.

Low cloud and visibility: Poor in rain and low cloud base 500-600m in the early hours. Then good visibility for the remainder of the day.

Temperature: **Valleys:** Plus 14 Celsius increasing to 20 Celsius
At 600m: Plus 14 Celsius increasing to 17 Celsius.
Freezing level: Above summits.

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